

Water Audit Level 1 Validation Document

Validator Provided

Audit Information:

Utility: **Soledad** PWS ID: **2710011**
System Type: **Potable** Audit Period: **Calendar 2017**
Utility Representation: **Anthony Karl**
Validation Date: **12/17/2019** Call Time: **9:00am PT** Sufficient Supporting Documents Provided: **Yes**

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: **54** Data Validity Band (Level): **Band III (51-70)**
ILI: **0.62** Real Loss: **4.88 (gal/conn/day)** Apparent Loss: **9.03 (gal/conn/day)**
Non-revenue water as percent of cost of operating system: **1.3%**

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Validator Information:

Water Audit Validator: **Drew Blackwell** Validator Qualifications: **Contractor for Water Loss TAP**

2017 AWWA Water Audit Level 1 Validation

Water System Name:

City of Soledad

Water System ID Number:

2710011

Water Audit Period:

Jan 1, 2017 – Dec 31, 2017

Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

Improving understanding of Source water metering testing and calibration. Access feasibility of annual testing of 5 well meters.

Align billed meter consumption with water supplied. Align dates of production with dates of use.

Consider a meter testing program to better represent entire customer meter stock.

Provide more unmetered unbilled usage data in monthly water loss reports.

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Anthony C Karl

Public Works Manager



12-19-2019

Executive Name (Print)

Executive Position

Signature

Date

Utility Provided